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PATENT
H. O. H.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICANTS:	§	
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	§	No.: MGER.79172/03
SERIAL NO.: 09/936,682	§	
	§	
FILING DATE: SEPTEMBER 17, 2001	§	EXAMINER:
	§	
PRIORITY DATE: OCTOBER 30, 2000	§	ART UNIT: 2671
	§	
TITLE: "SYSTEM AND METHOD FOR ANALYZING	§	
AND IMAGING THREE-DIMENSIONAL	§	
VOLUME DATA SET"	§	

PRELIMINARY AMENDMENT

ASSISTANT COMMISSIONER FOR PATENTS
Washington, D.C. 20231

Applicant requests that the above-identified application be amended as indicated below:

IN THE SPECIFICATION

Page 1, line 5, under the heading of "Background of the Invention," please insert the following:

A1

This application, and United States Patent Application Serial No. 09/119,635 are commonly assigned to Magic Earth, Inc. This application claims the benefit of PCT Application Serial No. PCT/US00/29835 filed on October 30, 2000.

Please further amend the application by replacing the following paragraphs:

Page 3, the paragraph beginning on line 18:

A2

Conventional 3D seismic interpretation programs provide the capability to "auto pick" and identify points that satisfy a voxel selection algorithm. However, these programs typically iterate